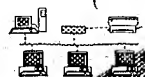


M-1-E

0400 4-2550/j

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/820,089

Source: OIPE

Date Processed by STIC: 4/10/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

## RAW SEQUENCE LISTING

DATE: 04/10/2001

PATENT APPLICATION: US/09/820,089

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

PP-3-5

Does Not Comply  
Corrected Diskette Needed

3 <110> APPLICANT: Xu, Jiangchun  
 4 Stolk, John A.  
 6 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
 7 AND DIAGNOSIS OF OVARIAN CANCER  
 9 <130> FILE REFERENCE: 210121.509  
 11 <140> CURRENT APPLICATION NUMBER: US/09/820,089  
 12 <141> CURRENT FILING DATE: 2001-03-27  
 14 <160> NUMBER OF SEQ ID NOS: 35  
 16 <170> SOFTWARE: Corixa Invention Disclosure Database  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 502  
 22 <212> TYPE: DNA  
 23 <213> ORGANISM: Homo sapiens  
 25 <400> SEQUENCE: 1  
 26 tttttttttt tttttatcaa atgaatactt tattagagac ataacacgta taaaataaat 60  
 27 ttcttttcat catggagtta ccagatttta aaaccaacca acactttctc atttttacag 120  
 28 ctaagacatg ttaaattctt aaatgccata atttttgttc aactgotttg tcattcaact 180  
 29 cacaagtcta gaattgtgatt aagctacaaa tctaagtatt cacagatgtg tcttaggctt 240  
 30 ggtttgtaac aatctagaag caatctgttt acaaaagtgc caccaaagca ttttaaagaa 300  
 31 accaatttta tgccaccaaa cataagcctg ctatacctgg gaaacaaaaa atctcacacc 360  
 32 taaattctag cagagtaaac gattccaact agaattgtctg tatatccata tggcacattt 420  
 33 atgactttgt aatatgtaat tcataatata gggttagggtg tgtggtatgg agctaggaaa 480  
 34 accaaagtag taggatatta ta 502  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 1929  
 38 <212> TYPE: DNA  
 39 <213> ORGANISM: Homo sapiens  
 41 <400> SEQUENCE: 2  
 42 ggcgccctca cctccagcca gcctcttctt gcagaggagt agtgtcagcc accttgact 60  
 43 aagctgaaac atgtccctct ggagcttcca cctggccagg gaggacggag actttgacct 120  
 44 actccacatg gagaggcaac catgtctgga agtgactatg cctgagtcct agggcgccgc 180  
 45 aggtaggaaa cattcacaga tgaagacagc agattcccca cattotsayc tttggcctgt 240  
 46 tcaatgaaac cattgtttgc ccatctcttc ttagtggaac tttaggtctc ttttcaagtc 300  
 47 tctcagtc tcaatagtgc ctggggaaaa acagagctgg tagacttgaa gaggagcatt 360  
 48 gatgttgggt ggcttttgggt ctgtcactga gaaattcggg atacatttgt ctccccctg 420  
 49 atattggttc ctgatgcccc cccaacaaaa ataaataaat aaattatggc tgcatttatt 480  
 50 aaatataagg tagctagttt ttacacctga gataaataat aagcttagag tgtatttttc 540  
 51 ccttgctttt gggggttcag aggagtatgt acaattcttc tgggaagcca gccttotgaa 600  
 52 ctttttggtt cttaattcctt attggaacca agacaaagga agcaaaattg gtctotttag 660  
 53 agaccaattt gcctaaattt taaaatcttc ctacacacat ctagacgttc aagtttgcaa 720  
 54 atcagttttt agcaagaaaa catttttgcct atacaaacat tttgctaagt ctgccccaa 780  
 55 ccccccaat gcattccttc aacaaaatac aatctctgta ctttaaagtt atttttagtca 840  
 56 tgaaatttta tatgcagaga gaaaaagtta ccgagacaga aaacaaatct aagggaagg 900  
 57 aatattatgg gattaagctg agcaagcaat tctggtggaa agtcaaacct gtcagtgtc 960  
 58 cacaccaggg ctgtggctct cccagacatg cataggaatg gccacagggt tacactgcct 1020  
 59 tcccagcaat tataagcaca ccagattcag ggagactgac caccaaggga tagtgtaaaa 1080  
 60 ggacattttc tcagttgggt ccattcagcag tttttcttcc tgcatttatt gttgaaaact 1140

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

```

61 attgtttcat ttcttttttt ataggcctta ttaactgctta atccaaatgt gtaccattgg 1200
62 tgagacacat acaatgctct gaatacacta cgaattttgta ttaaacacat cagaatattt 1260
63 ccaaatacaa catagtatat tcttgaatat gtacttttaa cacaagagag actattcaat 1320
64 aaaaactcac tgggtctttc atgtctttta gctaagtaag tggtcagaag gttctttttt 1380
65 atattgtcct ccacctccat ctttttcaat aaaagatagg gtttttctc cttgtttott 1440
66 ggaggggacca ttattacatc tctgaactac ctttgtatcc aacatgtttt aaatccttaa 1500
67 atgaattgct ttctcccaaa aaaagcacia tataaagaaa cacaagattt aattattttt 1560
68 ctacttgggg ggaaaaaagt cctcatgtag aagcaccac ttttgcaatg ttgttctaag 1620
69 ctatctatct aactctcagc ccatgataaa gttccttaag ctggtgattc ctaatcaagg 1680
70 acaagccacc ctagtgtctc atgtttgtat ttgggtccag ttgggtacat tttaaaatcc 1740
71 tgattttgga gacttaaaac cagggttaatg gctaagaatg ggtaacatga ctctgttg 1800
72 attgttattt tttgtttgca atggggaatt tataagaagc atcaagtctc tttctacca 1860
73 aagtcttggt aggtggttta tagttctttt ggctaacaaa tcattttgga aataaagatt 1920
74 ttttactac

```

76 &lt;210&gt; SEQ ID NO: 3

77 &lt;211&gt; LENGTH: 683

78 &lt;212&gt; TYPE: DNA

79 &lt;213&gt; ORGANISM: Homo sapiens

81 &lt;400&gt; SEQUENCE: 3

```

82 acaaagattg gtagctttta ttttttttta aaaatgctat actaagagaa aaaacaaaag 60
83 accacaacaa tattccaaat tatagggtga gagaatgtga ctatgaagaa agtattctaa 120
84 ccaactaaaa aaaatattga aaccactttt gattgaagca aaatgaataa tgctagattt 180
85 aaaaacagtg tgaaatcaca ctttgggtctg taaacatatt tagctttgct tttcattcag 240
86 atgtatacat aaacttattt aaaatgtcat ttaagtgaac cattccaagg cataataaaa 300
87 aaagaggtag caaatgaaaa ttaaagcatt ttttttgta gttcttcaat aatgatgoga 360
88 gaaactgaat tccatccagt agaagcatct ctttttgggt aatctgaaca agtrccaacc 420
89 cagatagcaa catccactaa tccagcacca attccttcac aaagtccttc cacagaagaa 480
90 gtgcgatgaa tattaattgt tgaattcatt tcagggtctc cttggtccaa ataaattata 540
91 gcttcaatgg gaagagggtc tgaacattca gctccattga atgtgaaata ccaacgctga 600
92 cagcatgcat ttctgcattt tagccgaagt gagccactga acaaaactct tagagcacta 660
93 tttgaacgca tcytttgtaa tgt

```

95 &lt;210&gt; SEQ ID NO: 4

96 &lt;211&gt; LENGTH: 755

97 &lt;212&gt; TYPE: DNA

98 &lt;213&gt; ORGANISM: Homo sapiens

100 &lt;220&gt; FEATURE:

101 &lt;221&gt; NAME/KEY: misc\_feature

102 &lt;222&gt; LOCATION: (1)...(102)

103 &lt;223&gt; OTHER INFORMATION: n=A,T,C or G

105 &lt;400&gt; SEQUENCE: 4

```

106 gatttgcctt cgaggccasa attcggcacg aggtctttaca aacatatgtc caaggactct 60
107 aaattgagac tcttccacat gtacaatctc atcatcctga antctataat gaagaaaaag 120
108 atctagaaac tgagttgygg agctgactct aatcaaatgt gatgattgga attagaccat 180
109 ttggcctttg aactttcata ggaaaaatga cccaacattt cttagcatga gctacctcat 240
110 ctctagaagc tgggatggac ttactattct tgtttatatt ttagatactg aaagggtgcta 300
111 tgcttctgtt attattccaa gactggagat aggcagggtt aaaaaggat tattattttt 360
112 ccttttaatga tgggtgctaaa attcttctta taaaattcct taaaaataaa gatggtttaa 420
113 tcaactacat tgtgaaaaca taactgttag acttcccggt tctgaaagaa agagcatcgt 480
114 tccaatgctt gttcmctgtt cctctgtcat actgtatctg gaatgctttg taatacttgc 540

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

```

115 atgctttctta gaccagaaca tgtagggtccc cttgtgtctc aagacttttt ttttcttaat 600
116 tgcatttgtt ggcctctattt taattttttt cttttaaaaa aaacagctgg gaccatccca 660
117 aaagacaagc catgcataca actttgggtca tgtatctctg caaagcatca aattaaatgc 720
118 acgcttttgt catgtcaaaa aaaaaaaaaa aaaaa 755
120 <210> SEQ ID NO: 5
121 <211> LENGTH: 360
122 <212> TYPE: DNA
123 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 5
126 tttcagggga ggagacaagg tttcttgttt gccgtatatg ctccctgcaga gaagaggaag 60
127 tgaccgtgga ggccatcttg ccctgtgttt tgatatggca aaattaatga atgcaatcag 120
128 aagacctttg agcaagaaag taccctggaa caaccaat tggactgcaa gtattagtgt 180
129 ggtcttccag gtgcctctca cagcagcagt catggcagca gtgactctag ccatgtccat 240
130 gaccaactgc tgcataacaa atagcccga gactcagcag cttacaacag ggtccccagc 300
131 ccacagactg gcaactgttc atggcttgtt aggaacctga ctgccgcacc agaaggtgag 360
133 <210> SEQ ID NO: 6
134 <211> LENGTH: 122
135 <212> TYPE: DNA
136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 6
139 tgggagacaa tttcacatgg actttggaaa atattttttt cctttgcatt catctctcaa 60
140 acttagtttt tatctttgac caaccgaaca tgacaaaaa caaaagtgc attcaacctt 120
141 ac 122
143 <210> SEQ ID NO: 7
144 <211> LENGTH: 403
145 <212> TYPE: DNA
146 <213> ORGANISM: Homo sapiens
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: (1)..(320) (392)
151 <223> OTHER INFORMATION: n=A,T,C or G
153 <400> SEQUENCE: 7
154 aaaaagatga ataatgaat aagagagatg aataaaca aa tttacattac atgtgatagt 60
155 tatcatggtg tggccttcat gacaagatgg atgagaatat cactgatagg atattagcct 120
156 tctttcatat ctttatattg aaatatgggc tttacttcaa tttgaaggtc tttcatgaac 180
157 aataaaagag agtagaagga ctgtctgaga aggcaggaga catataaaac agatgactga 240
158 aagactgact agctcctgga aagggaacaa tttggaacat ccagagtaag ggcaaatggg 300
W--> 159 cttctaccag cacaacaaan agcctccagg tggcaacatg gaagcagggtt atcagagaaa 360
W--> 160 ataaatgtgc aaattccnta tttacnatga ctcacttaac ccc 403
162 <210> SEQ ID NO: 8
163 <211> LENGTH: 314
164 <212> TYPE: DNA
165 <213> ORGANISM: Homo sapiens
167 <220> FEATURE:
168 <221> NAME/KEY: misc_feature
169 <222> LOCATION: (1)..(121) (296) p.4
170 <223> OTHER INFORMATION: n=A,T,C or G
172 <400> SEQUENCE: 8
173 tttttttttt tttttgtttt ttttaattgc aactggactt ttattgtgca gttacaacaa 60

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

```

174 caaatgtttt cagaaaaata tttggaaaaa atataccact tcatagctaa gtcttacaga 120
W--> 175 naanaggatt tgctaataaa acttaagttt tgaaaattaa natgcaggta gtgcttntga 180
W--> 176 actaatgccc acagctccaa ggaanacatg tcctatttag ttattcaaat acaagttgag 240
W--> 177 ggcattgnga ttaancaaac aatatatttg ttanaacttt gtttttaaan tactctcct 300
178 tgacattact tata 314
180 <210> SEQ ID NO: 9
181 <211> LENGTH: 451
182 <212> TYPE: DNA
183 <213> ORGANISM: Homo sapiens
185 <400> SEQUENCE: 9
186 ctgctattct gccaaaagac aatttctaga gtagttttga atgggttgat ttccccact 60
187 cccacaaact ctgaagccag tgtctagctt actaaaaaa gagttgtata taatatntaa 120
188 gatgctgagt atttcatagg aaagctgaat gctgctgtaa agtgcctttt aagctttttt 180
189 tttttttaat ccccttctaa tgaatgaaac taggggaatt tcaggggaca gagatgggat 240
190 ttgttgtatg ataaactgta tgtagttttt agtctttctg ttttgagaag cagtggttgg 300
191 ggcattttta agatggctgg ctactcttct tttccctcat gataataaat ttgtcataac 360
192 tcagtaacat gaacttgccc ctagaggtag ttgttaataa ttttgaaata ttaaggtott 420
193 gccaaagcttc tgatgattca cacctgtact a 451
195 <210> SEQ ID NO: 10
196 <211> LENGTH: 595
197 <212> TYPE: DNA
198 <213> ORGANISM: Homo sapiens
200 <400> SEQUENCE: 10
201 cttttatttg aagcagcagc cacatccctg catgatttgc attgcaatac aaccataacc 60
202 gggcagccac tctgagtgta taaccagtat aacataaacg tagcagcctc aatttttgcc 120
203 tttatgacga cagcttggtt tgggtgcagt ttgggtctgg ctttacgaag atggcgaccg 180
204 taacactcct tagaaactgg cagtcgtatg ttagtttcac ttgtctactt tatatgtctg 240
205 atcaatttgg ataccatttt gtccagatgc aaaaacattc caaaagtaat gtgtttagta 300
206 gagagagact ctaagctcaa gttctggttt atttcatgga tggaatgtta attttattat 360
207 gatattaaag aaatggcctt ttattttaca tctctccctt tttccctttt ccccttttat 420
208 tttcctcctt ttctttctga aagtttcctt ttatgtccat aaaatacaaa tatattgttc 480
209 ataaaaaatt agtatccctt ttgtttggtt gctgagtcac ctgaacctta attttaattg 540
210 gtaattacag cccctaaaaa aaacacattt caaataggct tccactaaa ctcta 595
212 <210> SEQ ID NO: 11
213* <211> LENGTH: 518
214* <212> TYPE: DNA
215 <213> ORGANISM: Homo sapiens
217 <400> SEQUENCE: 11
218 cattgagcta ggcacattac tctctgaacg aaattcatat tatcttatta aggaagagtg 60
219 ttggtcttca ggagggaag tttgctgtat tggatgccat catcgtgtcc ttgtcattgc 120
220 ccttccggtt ttcattcttg ctaaaccctt gtgaatgttc ttctaaccct cctgttcccc 180
221 acccttttcc tcagatttga cctagaattc ccagcccaaa tccataattt cttagctcta 240
222 atacgaattt tcatgttgga caaaaacctt gctacaaatg ggttctatg gaacttctaa 300
223 ttaatgtgca aaatacatat tttctccagg ttaagaaatt ttaagtcaga tcatgctgac 360
224 acaataagaa aatttggttg tgtaattcat tgacctcttc cttccaaaat aacatcaagt 420
225 agccacctca gtgtgacaat atccagtcaa tagtagagaa ttttaacctt ggtcctataa 480
226 aagaataaaa ttcattgtcg taaaaaaaaa aaaaaaaaa 518
228 <210> SEQ ID NO: 12
229 <211> LENGTH: 651

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:08

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

```

230 <212> TYPE: DNA
231 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 12
234 atctttatgc aagacaagag tcagccatca gacactgaaa tatattatga tagattatga 60
235 agaattttct ctgtagaatt atattcttcc tggaaacctgg tagagtagat tagactcaaa 120
236 ggctttttct tctttttctt actcctgttt ttccactca cttctcccaa gagatttctt 180
237 aaagcttcaa gcttaataag cctaatagtg aaaaataact gaatttaatg gtataatgaa 240
238 gttcttcatt tccagacatc tttaattgat cttaaagctc atttgagtct ttgccctga 300
239 acaaagacag acccattaaa atctaagaat tctaaatttt cacaactggt tgagcttctt 360
240 ttcatattga aggatttggg atatatatgt ttccataaaa gtatcaagtg aaatatagtt 420
241 acatggggagc tcaatcatgt gcagattgca ttctgttatg ttgactcaat atttaattta 480
242 caactatcct tatttatatt gacctcaaga actccatttt atgcaatgca gacctagag 540
243 atatatgctaa cattctttta aataatttcc cttttctttt ataattctc tatagcaaat 600
244 ttttatgtat aactgattat acatatccat atttatattt cattgattcc a 651
246 <210> SEQ ID NO: 13
247 <211> LENGTH: 551
248 <212> TYPE: DNA
249 <213> ORGANISM: Homo sapiens
251 <400> SEQUENCE: 13
252 gtcaacttgg agcggctaatt gcactctggag tttgggagag ggtttatgta tgacaggccc 60
253 ctgaggetta acttgctgga cttggattat gaactagcgg agcagcttga caacattgcc 120
254 gagaaagctt gctgtggggt tccctgcaag tgctctgggc agaggggaga ccgcgggccc 180
255 atcggcagca tcgggccaaa gggatttccct ggagaagacg gctaccgagg ctatcctggt 240
256 gatgagggtg gacccggtga gcggtgtccg cctggtgtga acggcaactc aggtttccag 300
257 ggctgcccgg gccagagagg cctgagccoc ccggtcotta tttttatgac ctaccgtca 360
258 cctcagccca tgatcagtc cttggttctga agcagaacct caccgtoacg gaccgctca 420
259 ttggaggcct gctcgtctgg cagacatacc atgtggctgt ggtctgtac ctgaggctc 480
260 aggtcagagc cactaccat ggaagtttca gtacaaagaa atctcagccc ccacctccac 540
261 agccagcaag g 551
263 <210> SEQ ID NO: 14
264 <211> LENGTH: 392
265 <212> TYPE: DNA
266 <213> ORGANISM: Homo sapiens
268 <220> FEATURE:
269 <221> NAME/KEY: misc_feature
270 <222> LOCATION: (1)...(338)
271 <223> OTHER INFORMATION: n=A,T,C or G
273 <400> SEQUENCE: 14
274 atggggtaga cctcggccac atttatggag acaatctgga gcgtcagtat caactgcggc 60
275 tctttaagga tgggaaactc aagtaccagg tgctggatgg agaaatgtac ccgccctcgg 120
276 tagaagaggc gcctgtgttg atgactacc ccgaggcat ccgccccag agccagatgg 180
277 ctgtgggcca ggagggtttt gggctgcttc ctgggctcat gctgtatgcc acgctctggc 240
278 tacgtgagca caaccgtgtg tgtgacctgc tgaaggctga gcacccacc tggggcgatg 300
279 agcaagcttt ttccagacga ccgcctcat cctcatangg ggagaccatc aaagaattgt 360
280 catcgaggaa gtacgtgcca gcaagcttga at 392
282 <210> SEQ ID NO: 15
283 <211> LENGTH: 353
284 <212> TYPE: DNA
285 <213> ORGANISM: Homo sapiens

```

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/820,089

DATE: 04/10/2001

TIME: 17:07:09

Input Set : A:\509.app.txt

Output Set: N:\CRF3\04102001\I820089.raw

L:11 M:270 C: Current Application Number differs, Wrong Format

L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:468 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
L:576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33  
L:624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35